RoVal ®
8931-C MAISLIN DRIVE, TAMPA, FL 33637

**FOR 24 HOUR EMERGENCY:** CALL CHEM•TEL 1-800-255-3924
**FOR INFORMATION:** (813) 988-4910
**C.A.S. NO.:** Mixture Proprietary
**REVISION DATE:** May 6, 2003

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

**TRADE NAME:** Hydro-Block WB
**DOT SHIPPING NAME:** N/A
**DOT/UN ID NO.:** N/A
**DOT CLASS:** N/A
**LABEL REQUIRED:** N/A
**PACKING GROUP:** N/A

## 2. INFORMATION ON HAZARDOUS INGREDIENTS

| MATERIAL | C.A.S. NO. | PEL | TLV/TWA | TLV/STEL |
|---|---|---|---|---|
| Fatty Alcohol polyglycol ether | 9043-30-5 | NE | NE | NE |
| Alkylalkoxysilane | Proprietary | NE | NE | NE |
| Alkylalkoxysiloxane | Proprietary | NE | NE | NE |
| Masonry Water Repellent | Mixture | NE | NE | NE |

## 3. PHYSICAL PROPERTIES

| | |
|---|---|
| BOILING POINT: | Approximately 212° F |
| VAPOR PRESSURE, 68° F mm. Hg: | ND |
| VAPOR DENSITY (Air = 1): | ND |
| SOLUBILITY IN WATER: | Miscible |
| APPEARANCE AND ODOR: | White liquid with a slight odor |
| SPECIFIC GRAVITY (Water = 1): | 0.95 |
| PERCENT VOLATILE (by weight): | 68.41 |
| EVAPORATION RATE (Ether = 1): | ND |
| FLASH POINT (Method Used): | >200° F (Tag closed cup) |
| FLAMMABLE LIMITS IN AIR, % LEL: | ND |
| UEL: | ND |
| pH: | 8 |
| VISCOSITY: | 36 cSt. |
| VOLATILE ORGANIC COMPONENTS: | 294 g/l |

## 4. FIRE HAZARDS

Not considered a fire hazard. When involved in a fire, does not contribute any unusual hazards.

## 5. FIREFIGHTING TECHNIQUES

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from the fire area. Fire fighters should wear full-face, self-contained breathing apparatus (SCBA) and impervious protective clothing.

Use standard fire fighting techniques to extinguish fires involving this material: use water spray, dry chemicals or carbon dioxide.

## 6. TOXICOLOGY

Toxicological testing has not been conducted with this material by the manufacturer.

## 7. HUMAN HEALTH HAZARDS

EYE CONTACT: May cause irritation.
SKIN CONTACT: May cause irritation.
INHALATION: May cause mucous membrane and respiratory tract irritation. Inhalation of aerosols of aminofunctional siloxanes from solutions with organic solvents or aqueous emulsions may cause toxic lung effects. Neurotoxic effects possible; lung damage is possible at high concentrations.
INGESTION: Not expected in industrial use.
ACUTE EFFECTS OF EXPOSURE: Refer to routes of exposure above.
CHRONIC EFFECTS OF EXPOSURE: None known.

There is no data available which address medical conditions that are generally recognized as being aggravated by exposure to this product.

This material does not contain any ingredients listed by IARC, NTP or OSHA as carcinogens in amounts exceeding 0.1%.

## 8. FIRST AID

EYE CONTACT: In case of contact, flush eyes well with water for 15 minutes. Obtain medical attention if irritation occurs.
SKIN CONTACT: Remove excess material from the skin with a waterless skin cleaner. Flush skin with plenty of water and wash well with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Obtain medical attention if irritation occurs.
INHALATION: If inhaled, remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
INGESTION: Never give an unconscious person anything to drink. If unconscious , treat for shock. Notify a physician or the nearest poison control center immediately. If conscious, have the person rinse his mouth with cold water. If conscious, induce vomiting by using a finger or other object such as a spoon to tickle the back of the throat. if unconscious and vomiting, turn the person on his side to avoid choking. Allow the victim to drink as much cold water as desired.

## 9. INDUSTRIAL HYGIENE

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use conditions and equipment. During the development of safe handling procedures, consideration should be given to the need for cleaning of equipment and piping systems to render them nonhazardous before maintenance and repair activities are performed.
ENGINEERING CONTROLS: When the need for engineering controls is indicated by the conditions under which the product is used, one or more of the following techniques may be selected to limit employee exposure: general ventilation, local exhaust ventilation, enclosure or confinement of the operation, and/or process isolation with remote control operation.
INGESTION: Open containers of food and beverages should be kept away from areas where the product is used or stored. Eating, drinking, smoking and application of cosmetics should be prohibited in areas where the product is being used. Before eating, hands and face should be washed to remove residual contamination.
SKIN CONTACT: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing selected with regard for use condition exposure potential.
EYE CONTACT: Eye contact should be avoided through the use of chemical safety glasses, goggles or a face shield selected with regard for use condition exposure potential.
INHALATION: If the possibility exists that aerosols or mists may be formed while handling or processing this material, the use of a NIOSH/MSHA approved dust, fume and mist respirator designed as having an exposure limit of less than 0.05 $mg/m^3$ is recommended.
EXPOSURE LIMITS: No exposure limit has been established for this material. Exposure limits for its hazardous components, if any, are listed in Section 2 on page one.

## 10. CHEMICAL REACTIVITY

Chemically incompatible substances are strong oxidzing agents, strong acids and alkalies.

## 11. STABILITY

Stable at ambient temperatures and atmospheric pressure.

HAZARDOUS/THERMAL DECOMPOSITION PRODUCTS: $SiO_2$, CO, $CO_2$, formaldehyde and various hydrocarbon fragments.

## 12. SPILL HANDLING

Make sure all personnel involved in the spill cleanup follow good industrial hygiene practices (refer to Section 9: INDUSTRIAL HYGIENE).

Absorb spill with sand or Fuller's earth. Sweep up and place in an appropriate chemical waste container. Flush spill area with water. Observe all local, state and federal laws and regulations regarding disposal, spill, cleanup, removal or discharge.

(See Section 15: DISPOSAL OF UNUSED MATERIAL)

## 13. CORROSIVITY TO MATERIALS OF CONSTRUCTION

Noncorrosive to materials commonly used in the construction of process equipment, storage and shipping containers.

## 14. STORAGE REQUIREMENTS

Store in a cool, dry, well ventilated area. Exercise due caution to prevent damage to the container.

Protect from freezing.

## 15. DISPOSAL OF UNUSED MATERIAL

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act (RCRA). Note: State and local regulations may be more stringent than those under RCRA.

## 16. DISPOSAL OF CONTAINER

Dispose of empty containers according to any applicable regulations under the Resource Conservation and Recovery Act (RCRA). Note: State and local regulations may be more stringent than those under RCRA.

Empty containers may contain residual material. Do not reuse containers unless properly reconditioned.

## 17. REGULATORY INFORMATION

TSCA: This material is in compliance with TSCA regulations.

SARA: This material does not contain any substances on the list of Toxic Chemicals subject to Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III), in excess of the applicable de minimis concentrations as specified in Section 372.38(a).

RCRA Hazard Class: Not regulated.

DEPARTMENT OF TRANSPORTATION (DOT):
Proper Shipping Name (172.101 (c)): None - not regulated
Technical Name(s) (172.203 (k)): None
Hazard Class (172.101 (d)): None - non-hazardous
UN/NA Number (172.101 (e)): Not Applicable
Label Required: None
Inhalation Hazard (173.3a (b)): Not Applicable
Hazardous Substance RQ (Name): Acetic Acid, 5000#

This material or one of its components is not listed on the Canadian Domestic Substance List (DSL).

CANADIAN INGREDIENT DISCLOSURE LIST: This material does not contain listed components in quantities greater than the specified weight-to-weight concentration.

California Proposition 65: No components listed.
Massachusetts Substance List: No components listed.
Pennsylvania Hazardous Substance List: No components listed.
New Jersey R-T-K Hazardous Substance List: No components listed.

Hazardous Materials Identification System (HMIS):
(for material as packaged):

| | |
|---|---|
| Health Hazard = | 1 |
| Flammability Hazard = | 0 |
| Reactivity Hazard = | 0 |
| Personal Protection = | G |

NOTE: Respiratory protection is recommended in the event that ventilation or engineering controls are unable to maintain exposures below recommended levels, or in the event of a spill or other emergency situation.
Hazardous Materials Identification System and HMIS are registered trademarks of the National Paint and Coatings Association.

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## 18. ADDITIONAL INFORMATION

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

< = Less Than
> = More Than
N/A = Not Applicable or Not Available
ND = Not Determined
NE = None Established